Installation and User's Guide

PREMIUM SERIES LCD MONITOR

8.4" TFT-LCD MONITOR (SECURITY)

All contents of this document may change without prior notice, and actual product appearance may differ from that depicted herein

Warning Statements

*** Follow this safety instruction to use the monitor properly and prevent the damages.**

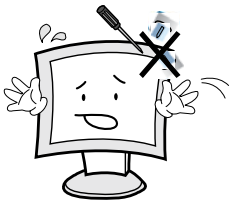
*** This safety instruction has " Warning" and " Caution" as below.**

WARNING: If the user does not follow this instruction, it may cause the serious damage to the user.

CAUTION: If the user does not follow this instruction, it may cause the slight damage to the user or cause some damages to the monitor.

**** Keep this user's guide book for later use.***

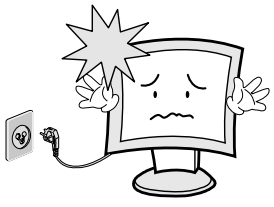
Never remove the back over and touch the inside of the monitor. If you need a service, please contact the service center.



Keep away the monitor from the direct sunlight and a heating appliance.

Never push objects of any kind into this product as they may result in a risk of fire or electric shock.

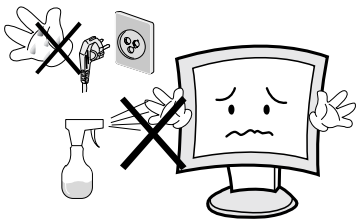
Connect the power code to the wall outlet tightly. If the power code or plug are defective and the wall outlet is not tight, please do not use them.



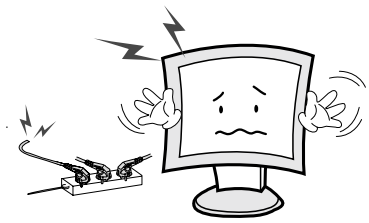
Warning Statements

Do not install this monitor on the outside and near water. If may cause damage to the product, electric shock and fire.

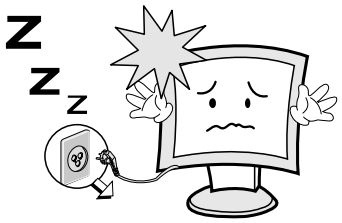
For cleaning do not use liquid cleaners. Never touch the power plug with wet-hands.



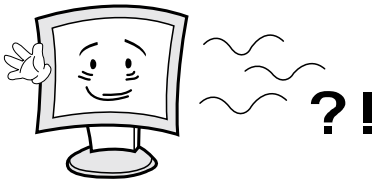
When lightning and thundering, unplug the monitor from the wall outlet and never touch it.



Unplug this product from the wall outlet, when It does not operate for a long time.



When smoking and noising from the monitor, unplug the product from the wall outlet and contact a service center.

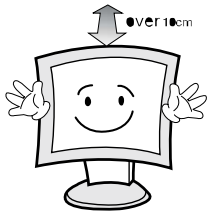


How to fix

1. Do not open this product as it contains high voltage inside.
2. It may create an electric shock.
3. It the user disassembles and remove the back cover, it does not make sure
4. To make up for the damages and do a service and exchange the monitor..

Cautions

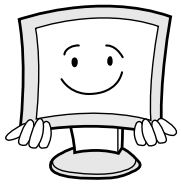
Install this monitor some distance From the wall and do not install unless Proper ventilation is provided.



Place this product on a stable place. If not, it may fall, causing serious Damages to the monitor and people.

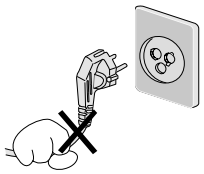
The openings must not be blocked by curtain, rug or other similar surface.

When carrying this monitor, be careful not to damage the panel and drop it It may cause some trouble.

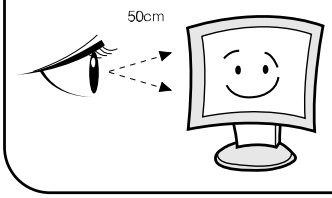


Before carrying the monitor, tum it off and Unplug the signal cables and the power code From the wall outlet.

Take the power plug out from the wall outlet. Do not pull the cable. It may snap the inner wires and cause overheating and fire.

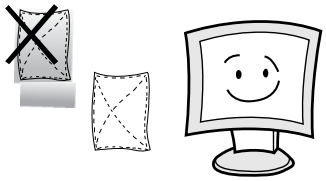


Install this monitor about 50cm far from the eyes and an angle of 0~15 degrees below eyes. Too close installation may cause having weak sight.

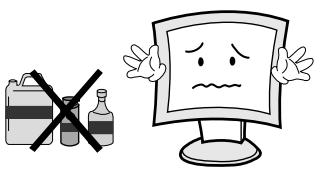


Do not press the LCD panel with hands or the sharpened material hardly.

For cleaning, unplug the monitor from the Wall outlet. Do net use the liquid cloth. Use the soft cloth.



Do not use the chemical liquid for cleaning. It may cause fading and breakage.



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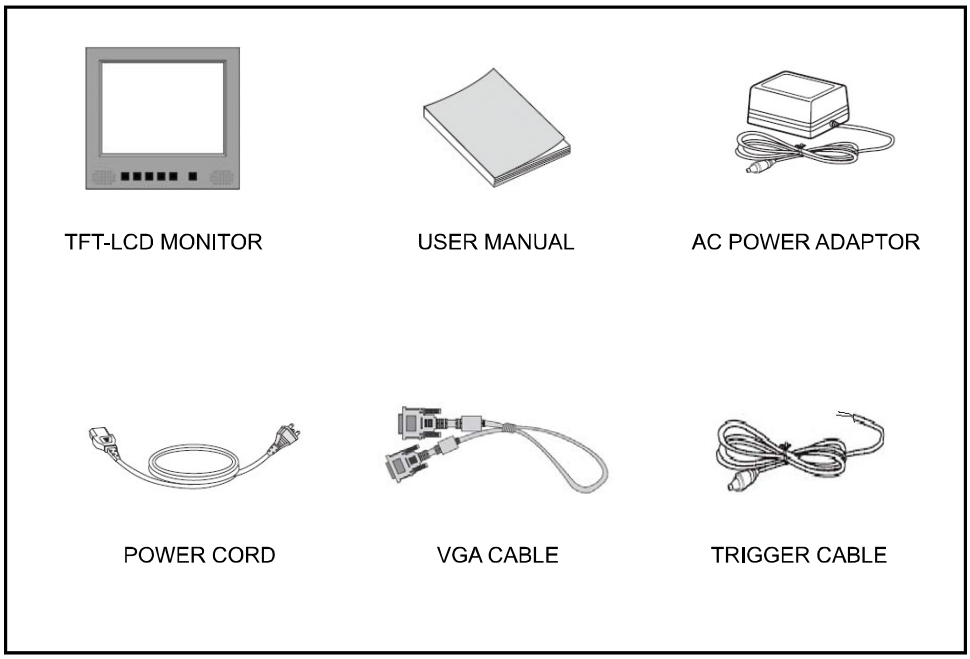
INSTALLATION

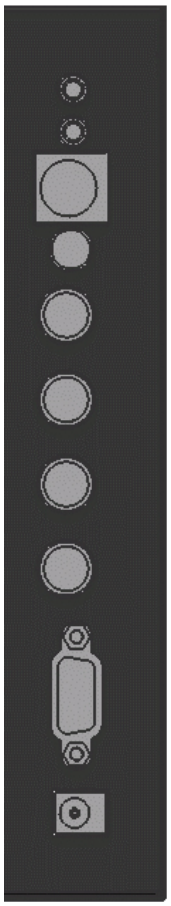
1.1 Parts

Remove the package cover and place the product on a flat and secure surface or in the installation location. Check whether all the following device and accessories are included with the main system.



INSTALLATION

1.2 Connection



1. **DC 12V IN**

2. **RGB IN**
   RGB signal input

3. **VIDEO1 IN**
   Composite signal input for VIDEO1

4. **VIDEO1 OUT**
   Video looping output for VIDEO1

5. **VIDEO2 IN**
   Composite signal input for VIDEO2

6. **VIDEO2 OUT**
   Video looping output for VIDEO2

7. **S-VIDEO (Y/C) IN**
   Y/C separated signal input

8. **S-VIDEO (Y/C) OUT**
   Y/C separated signal looping output

9. **PC STEREO IN**

10. **TRIGGER IN**
    NO / NC signal input

FEATURES

2.1 Specifications (15 Inch)

VIDEO	
Screen Size	8.4"
Pixel Type	Active Matrix TFT
Max. Resolution	800 x 600 @ 60Hz (SVGA)
Pixel Pitch	0.213 x 0.213mm
Brightness	220 cd/㎡
Contrast Ratio	500 : 1
Aspect Ratio	5:4
Viewing Angle (H/V)	130 / 110
Display Color	16.2 Million
Response Time	< 35ms
Video System	NTSC / PAL / SECAM
Frequency (H)	31 ~ 48KHz
Frequency (V)	55 ~ 75Hz
Panel Lamp Life	20,000hours
MECHANICAL	
Packing Dimension	
W x H x D	9.8" x 9.6" x 4.3"
Weight	4.85lbs
Power Consumption	15W
Power Source	DC12V adapter (Auto Switching) / 1.5A

NOTE : Technical specifications are subject to change without notice..

OSD (On Screen Display) SETTING

3.1 OSD MENU Description

Menu Selection

1. Press the MENU key to access the Main menu.
2. Use the ▲ and ▼ arrow key to highlight a selection
3. Press the INPUT/SELECT key to select an item.
4. Use the ▲ and ▼ arrow key to highlight a selection.
5. Use the ◄ and ► arrow key to adjust the setting on a selected item.

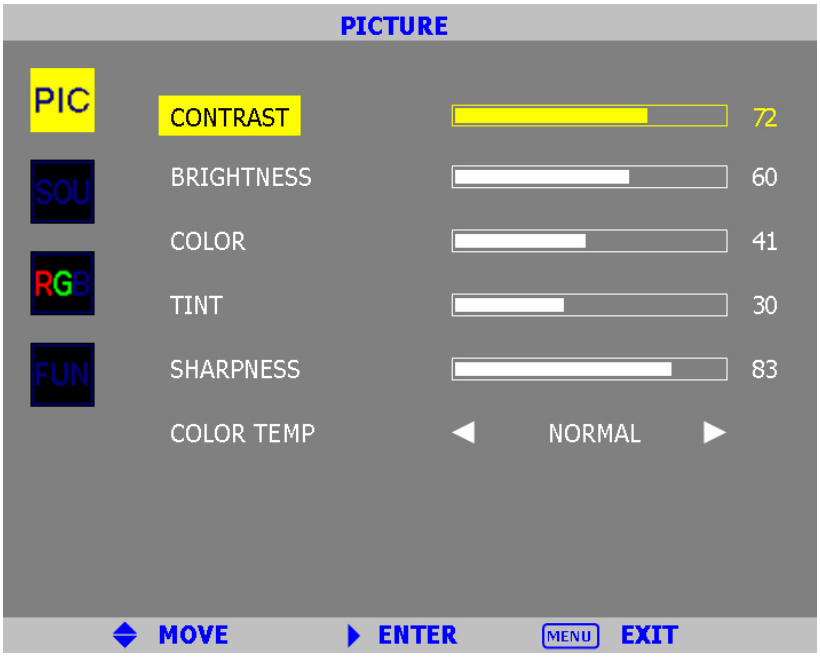
NOTE : If you don't connect RGB port, RGB SETUP menu is not select.

A. Input Select

Inputs can be set to VIDEO, S-VIDEO and RGB mode.

Press the **SOURCE/▼** key then you can change the input source.

B. Picture Menu



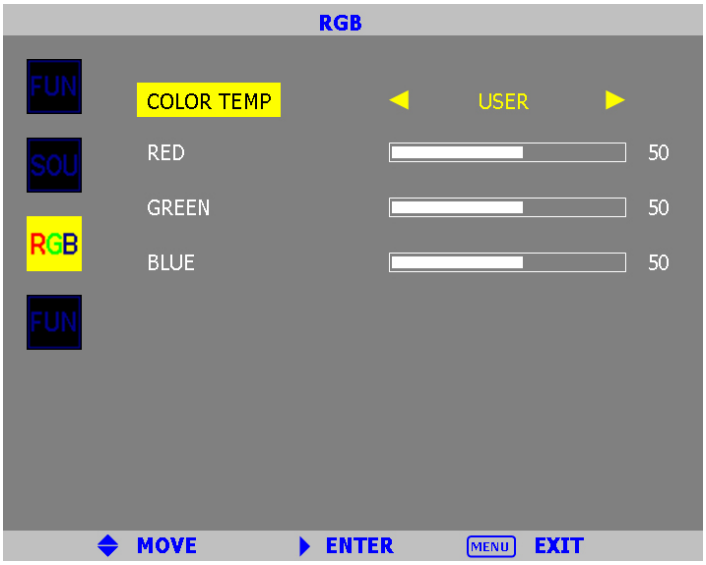
OSD (On Screen Display) SETTING

1. Press the MENU key and then ▼/◄ or ▲/► key to select the PICTURE menu.
2. Press the INPUT / SELECT key and then ▼/◄ or ▲/► key to select the adjustment item you need.
3. Press the INPUT / SELECT kev to active the item.

EX) If you select the BRIGHTNESS, then the picture below appears on the screen.

4. Press the MENU key to move the previous menu..

C. Color Temp Menu

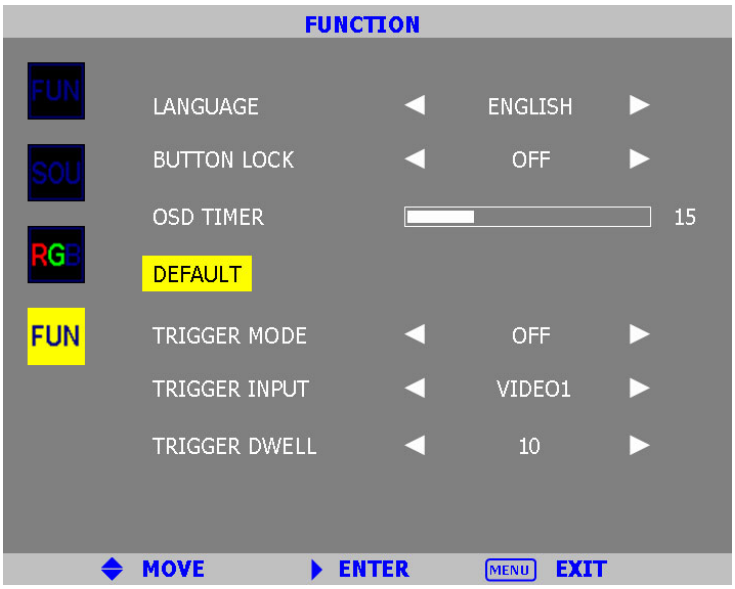


If you want to change of color value on RGB source,

1. Select COLOR MODE on RGB MENU.
2. Press the INPUT/SELECT key and then select COLOR TEMP.
3. Change the USER and then ▼/◄ or ▲/► key to select the adjustment item you need.
4. Press the INPUT/SELECT key to active the item.
5. Press the MENU key to move the previous menu.

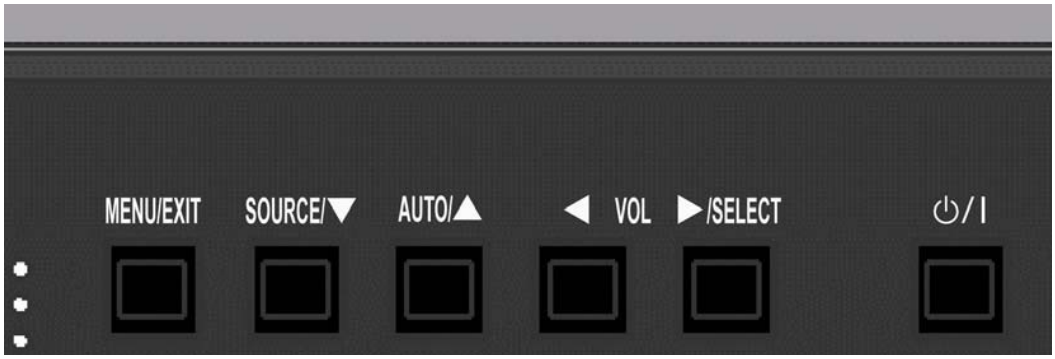
OSD (On Screen Display) SETTING

D. Function Menu



1. **TRIGGER MODE**
   Sets the video input witch will be displayed when trigger signal. (OFF/ ON)
   .
2. **TRIGGER INPUT**
   Select the input source of trigger mode. (VIDEO1 / VIDEO2 / S-VIDEO / RGB)
   .
3. **TRIGGER DWELL**
   Sets the time how long displayed on the screen of trigger mode from 5 seconds to 60 seconds.
   .

CONTROLL BUTTON



Menu/EXIT: Activates and exits the OSD.

SOURCE/▼: Select input source, and select the OSD menu.

AUTO/▲: Move the OSD menu and auto adjustment of RGB source.

▶/SELECT: Increase the level of volume and select the OSD menu.

◀ (VOL): Decrease the level of volume and move the previous menu.

⏻/I Turns the power ON or OFF. There will be a few seconds delay before the display appears.

The power LED(next to the power switch) lights with green when the power is turned ON.

The power is turned off by pressing the power switch again and the power LED goes Red.

INFORMATION TO THE USER

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

WARNING:

The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment."

TROUBLESHOOTING

* When the following troubles are occurred, follow the trouble shooting. Before contacting a service center.

Troubleshooting	Troubleshooting Tip
The screen doesn't show up	1. Make sure if the power supply is connected property
	2. Turn on the power.
	3. Select the input signal right for the connected port.
The screen is too light or to dark	Control the BRIGHTNESS
The screen size is not fit for the PC signal	Press the AUTO key among keys in the front. (It is used only in the PC signal)
The screen color shows strange in the PC signal	In the FUNCTION menu of OSD menu, perform the AUTO-ADJUST.

2Year Limited Warranty

All **Orion Images** products carry a limited warranty from ship date against defects in materials and workmanship. Orion Images is not liable for improper installation that results in damage to mounts, adapters, display equipment or personal injury.

Contact Orion Images

In the event of missing and/or damage equipment, or technical questions, the following information can help in the completion of the installation.

Address: 7300 Bolsa Avenue, Westminster, CA 92683
Tel: 714-766-6300 / Fax: 714-766-6310
Email: sales@orionimages.com
Website: http://www.orionimages.com